

REMARKS

Claims 1-10 are all the claims pending in the application.

Claims 1-8 and 10 have been amended to further clarify Applicant's claimed invention and to better conform the claims to the English language and U.S. patent practice.

The Examiner objected to the drawing and Specification because of alleged inconsistencies between the two. Applicant has amended the Specification and is submitting redlined drawings with this Amendment. Based on these changes, Applicant requests that the objections be withdrawn.

INFORMATION DISCLOSURES STATEMENT

Applicant notes that the Examiner signed the two 1449 forms submitted with the two IDSs. However, the Examiner did not consider the references. Applicant requests that the Examiner consider and initial the references because, although references are in Japanese, English abstracts were provided. In addition, the materials submitted with the IDS indicate that the reference cited in the Japanese Office Action was related but *not* relevant art.

PRIOR ART REJECTIONS

The Examiner has rejected claims 1-10 under 35 U.S.C. § 103(a) as being unpatentable over Higuchi '037 (U.S. Patent No. 6,167,037) in view of Lee (VTC 1999) and/or Higuchi (VTC 1997). Applicant traverses these rejections because the cited references fail to disclose or suggest all of the claim limitations. Specifically, at least the following limitations highlighted in bold and italics are not disclosed or suggested in the prior art:

Claim 1:

wherein at least one of said arbitrary thresholds is set after *at least one of said maximum power value, maximum correlation sum and maximum correlation detection value, are excluded.*

Claim 2:

A method according to claim 1, wherein the threshold determination in the first stage comprises obtaining an average of correlation power values, from which given correlation values ranging from the maximum correlation power value to a correlation power value of an arbitrary ordinal number correlation value and correlation values before and after *the given correlation power values are excluded*, and setting the average as an arbitrary threshold.

Claim 3:

A method according to claim 1, wherein the threshold determination in the second stage comprises obtaining an average of the respective correlation sums, from which *the detected maximum correlation sum is excluded*, and setting the average as an arbitrary threshold.

Claim 5:

A method according to claim 1, wherein threshold determination in the third stage comprises obtaining an average of the respective correlation detection values, from which *a detected maximum correlation detection value is excluded*, and setting the average as an arbitrary threshold.

Claim 6:

wherein at least one of said arbitrary thresholds is set after *at least one of said maximum power value, maximum correlation sum and maximum correlation detection value, are excluded.*

Claim 7:

A system according to claim 6, wherein said first section comprises means for obtaining an average of correlation power values, from which given correlation values ranging from the maximum correlation power value to a correlation power value of an arbitrary ordinal number correlation value and correlation values before and after *the given correlation power values are excluded*, and setting the average as an arbitrary threshold.

Claim 8:

A system according to claim 6, wherein said second section comprises means for obtaining an average of the respective correlation sums, from which *the detected maximum correlation sum is excluded*, and setting the average as an arbitrary threshold.

Claim 10:

A system according to claim 6, wherein said third section comprises means for obtaining an average of the value exceeds an arbitrary threshold, returning to respective correlation detection values, from which a detected maximum correlation detection value is excluded, and setting the average as an arbitrary threshold.

In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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